CLAIMS

The invention claimed is:

      1.   A method for energy load curtailment, comprising the steps of:

          receiving curtailment energy commitment data via a communication network;

          aggregating the curtailment energy commitment data;

          providing aggregated curtailment commitment data to energy market purchasers for purchase of the energy curtailment rights;

      2.   The method of claim 1, wherein the step of aggregating the curtailment energy data comprises aggregating said curtailment energy data by geographic area and by at least one other category.

      3.   The method of claim 1, further comprising the step of receiving executed curtailment contract data via the communication network;

      4.   The method of claim 3, wherein the step of receiving executed curtailment contract data comprises the step of:

          receiving curtailment contract data:

          executing electronically a curtailment energy contract.

      5.   The method of claim 1, further comprising the step of performing optimization calculation to determine approximate value of curtailment energy rights.

      6.   The method of claim 1, further comprising the step of performing receiving meter data for monitoring of curtailment events.

      7.   The method of claim 1, further comprising the step of associating the aggregated curtailment commitment data with curtailment energy rights purchaser data.

      8.   The method of claim 1, further comprising the steps of:

          receiving curtailment request message via the communication network;

          transmitting a curtailment request notification to at least one energy consumer;

          receiving meter performance data;

          providing monitoring data via the communication network to at least one curtailment event participants.

9. The method of claim 8, further comprising the steps of:

calculating monetary remuneration for performance of a curtailment event;

providing remuneration data to at least one curtailment event participants.

10. A method for energy load curtailment, comprising the steps of:

receiving curtailment energy commitment data via a communication network;

receiving executed curtailment contract data via the communication network;

aggregating the curtailment energy commitment data;

performing optimization calculation to determine approximate value of curtailment energy rights;

receiving meter data for monitoring of curtailment events;

providing aggregated curtailment commitment data to energy market purchasers for purchase of the energy curtailment rights;

associating the aggregated curtailment commitment data with curtailment energy rights purchaser data;

receiving curtailment request message via the communication network;

transmitting a curtailment request notification to at least one energy consumer;

receiving meter performance data; and

providing monitoring data via the communication network to curtailment event participants.

11. The method of claim 1, wherein the step of aggregating the curtailment energy data comprises aggregating said curtailment energy data by geographic area and by at least one other category.

12. A method for energy load curtailment, comprising the steps of:

receiving curtailment energy commitments;

aggregating the curtailment energy commitments;

providing aggregated curtailment commitments to energy market purchasers;

13.   The method of claim 12, wherein the step of aggregating the curtailment energy commitments comprises aggregating said curtailment energy commitments by geographic area and by at least one other category.

14.   The method of claim 12, further comprising the step of receiving executed curtailment contract information.

15.   The method of claim 12, wherein the step of receiving executed curtailment contract information comprises the steps of:

receiving curtailment contract information; and

executing electronically a curtailment energy contract.

16.   The method of claim 12, further comprising the step of performing optimization calculation to determine approximate value of curtailment energy rights.

17.   The method of claim 12, further comprising the step of monitoring a curtailment event.

18.   The method of claim 12, further comprising the step of associating the aggregated curtailment commitments with curtailment energy rights purchaser.

19.   The method of claim 12, further comprising the steps of:

receiving curtailment request;

transmitting a curtailment request notification;

20.   The method of claim 19 further comprising the steps of:

receiving meter performance data;

providing monitoring information to a curtailment event participant.

21.   The method of claim 12, further comprising the steps of:

calculating monetary remuneration for performance of a curtailment event;

providing remuneration information to at least one curtailment event participants.

22.   A method for energy load curtailment, comprising the steps of:

receiving curtailment energy commitments;

receiving executed curtailment contract information;

aggregating the curtailment energy commitments; and

providing aggregated curtailment commitments for purchase of the energy curtailment rights.

23.   The method of claim 22, further comprising the steps of:

receiving curtailment request;

transmitting a curtailment request notification;

receiving meter performance; and

providing monitoring information.

24.   The method of claim 12, wherein the step of aggregating the curtailment energy commitments comprises aggregating said curtailment energy commitments by geographic area and by at least one other category.

25.   A system for energy load curtailment, comprising:

a computer system operative to receive curtailment energy commitment data via a communication network;

the computer system operative to aggregate the curtailment energy commitment data;

a database couple to the computer system operative to store the curtailment energy commitment data; and

a communication mechanism coupled to the computer system operative to provide aggregated curtailment commitment data to energy market purchasers for purchase of the energy curtailment rights.

26.   The system of claim 25, wherein the computer system includes logic operative to aggregate said curtailment energy data by geographic area and by at least one other category.

27.   The system of claim 25, wherein the computer system includes logic operative to execute a curtailment contract.

28.   The system of claim 25, wherein the computer system includes logic operative to perform optimization calculations to determine approximate value of curtailment energy rights.

29.   The system of claim 25, wherein the communication mechanism is operative to receive meter data for monitoring of curtailment events.

30.   The system of claim 25, wherein the database associates the aggregated curtailment commitment data with curtailment energy rights purchaser data.

31.   The system of claim 25, wherein the computer system include logic operative to perform the steps of:

receiving curtailment request message;

transmitting a curtailment request notification;

receiving meter performance data;

providing monitoring data.

32.   The system of claim 25, wherein the computer system includes logic operative to perform the steps of:

calculating monetary remuneration for performance of a curtailment event;

providing remuneration data to at least one curtailment event participants.